

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1-28. (Cancelled)

29. (Currently Amended) A carrier for a light engine comprising:

a mounting surface residing on a first side; ~~and~~ said mounting surface having a first support arm, a second support arm and a contoured projection extending longitudinally, said contoured projection is adapted to contact a housing; and

an optic surface residing on a second side; said optic surface having a central channel, a pair of sidewalls, and a pair of tracks in which a PCB having at least one LED is slidably mounted.

~~said mounting surface having a first support arm, a second support arm and a contoured projection extending longitudinally; and~~

~~said optic surface having a central channel and a pair of sidewalls, wherein said contoured projection is adapted to contact a housing.~~

30. (Previously Presented) The carrier of claim 29, wherein the carrier is made of extruded aluminum.

31. (Cancelled)

32. (Previously Presented) The carrier of claim 29, further comprising a reflector.

33. (Previously Presented) The carrier of claim 32 wherein the reflector has at least one aperture, said aperture aligned with at least one LED.

34. (Previously Presented) The carrier of claim 32 further comprising at least one clip, said clip connecting the reflector to the carrier.

35. (Previously Presented) The carrier of claim 29 wherein the sidewalls are shaped to reflect the light.

36. (Previously Presented) The carrier of claim 29 further comprising a reflective coating on at least a portion of the carrier.

37. (Previously Presented) The carrier of claim 29 further comprising at least one lens.

38. (Previously Presented) The carrier of claim 32 further comprising at least one lens.

39. (Previously Presented) The carrier of claim 29 further comprising a light engine mounted on said optic surface.

40. (Previously Presented) The carrier of claim 39 wherein the light engine comprises at least one printed circuit board and at least one light emitting diode mounted on at least one printed circuit board.

41. (Previously Presented) The carrier of claim 29 wherein the first support arm is adapted to be supported by a horizontal ledge in the housing.

42. (Previously Presented) The carrier of claim 29 wherein the first support arm is horizontal and the optic surface is angled 34 degrees and 45 degrees from vertical.

43. (Previously Presented) The carrier of claim 42 wherein the optic surface is angled about 39 degrees from vertical.

44. (Previously Presented) The carrier of claim 41 wherein the first support arm runs the length of the carrier.

45. (Previously Presented) The carrier of claim 41 wherein the second support arm runs the length of the carrier.

46. (Previously Presented) The carrier of claim 29 wherein the contoured projection is adapted to dissipate heat to the housing.

47. (Previously Presented) The carrier of claim 29 wherein there is significant contact between the housing and the contoured projection.

48. (Previously Presented) The carrier of claim 47 wherein the contoured projection has the substantially same contour as the housing at the areas where the contoured projection and the housing are in contact.

49. (Previously Presented) The carrier of claim 40 further comprising at least two pcbs, said pcbs connected in series by at least one jumper.

50. (Previously Presented) The carrier of claim 29 wherein the second support arm is adapted to attach to a top of the housing.

51. (Previously Presented) The carrier of claim 50 wherein the second support arm is adapted to mechanically attach to the top of the housing.

52. (Previously Presented) The carrier of claim 40 wherein the first support arm is adapted to be supported by a horizontal ledge in the housing.

53. (Previously Presented) The carrier of claim 40 wherein the first support arm is horizontal and the optic surface is angled between 34 degrees and 45 degrees from vertical.

54. (Previously Presented) The carrier of claim 53 wherein the first support arm is horizontal and the optic surface is angled between 34 degrees and 45 degrees from vertical.

55. (Previously Presented) The carrier of claim 53 wherein the optic surface is angled about 39 degrees from vertical.

56. (Previously Presented) The carrier of claim 42 wherein the first support arm runs the length of the carrier.

57. (Previously Presented) The carrier of claim 56 wherein the second support arm runs the length of the carrier.

58. (Previously Presented) The carrier of claim 56 wherein there is significant contact between the housing and the contoured projection.

59. (Previously Presented) The carrier of claim 58 wherein the contoured projection has the substantially same contour as the housing at the areas where the contoured projection and the housing are in contact.

60. (Previously Presented) The carrier of claim 59 wherein the contoured projection is adapted to dissipate heat to the housing.

61. (Previously Presented) The carrier of claim 58 wherein the second support arm is adapted to attach to a top of the housing.